AL.1.49

GENERAL PUBLICATIONS
of Alberta Energy and Natural Resources

CANADIANA
AUG 30 1984

Spring 1984

Alberta
Energy and
Natural Resources

DDW
2695686

Digitized by the Internet Archive
in 2014

https://archive.org/details/generalenergy1984sp

GENERAL PUBLICATIONS
of Alberta Energy and Natural Resources

Spring 1984

1984
Edmonton

Alberta
Energy and
Natural Resources

ENR Report Number: Ref/5 — April/84
International Standard Book Number: 0-86499-151-7
International Standard Series Number: 0711-1274

Additional copies of this catalogue are available, free of charge, from:

Information Centre
Alberta Energy and Natural Resources
Main Floor, Bramalea Building
9920 – 108 Street
Edmonton, Alberta, Canada
T5K 2M4

Telephone: (403) 427-3590

Also available:
Ref 6/-April/84 — **Technical Publications of Alberta Energy and Natural Resources: Spring 1984**

CONTENTS

Key 1

Energy 2

Fish and Wildlife 5

Forest 8

Land 10

Outdoor Activities 12

Resource Management 14

Annual Reports 15

Films 16

Technical Publications and Maps 17

Ordering General Publications 18

Order Form 21

KEY

The following symbols are used throughout this catalogue of publications to indicate reading levels, readership interests and quantities available:

ES	=	suitable for elementary school classes
G	=	of general interest
JH	=	suitable for junior high school classes
SH	=	suitable for senior high school classes
SP	=	intended for special interest groups
T	=	ideal for teachers
*	=	available in class quantities

ENERGY

CONSERVATION

For information about school-related materials on energy conservation, teachers should contact the Energy Conservation Branch, Alberta Energy and Natural Resources, 2nd Floor, Highfield Place, 10010 – 106 Street, Edmonton, Alberta T5J 3L8; phone 427-5200.

ALBERTA'S ENERGY BUS (booklet, 1981, 8pp.). Brief overview of an energy audit service for Alberta business and industry. Distribution limited to businesses and industries. SP.

DRIVING WITH PROPANE (pamphlet, 1983, 4pp.). Information for drivers on converting vehicles from gasoline to propane. Part of the Alberta Energy Savers Focus on Facts series. G.

ENERGY MATTERS (booklet, 1983, 32pp., illus., maps). Information for homeowners on reducing energy costs through the prudent use of Alberta's energy resources. G, JH, SH.

FUEL ECONOMY CALCULATOR. An aid for determining and recording a vehicle's fuel economy in miles per gallon or litres per 100 kilometres. G.

GRANTS FOR HOMEOWNERS (pamphlet, 1983, 4pp.). An outline for homeowners on grants and assistance available for energy-conservation renovations and the construction of energy-efficient housing. Part of the Alberta Energy Savers Focus on Facts series. SP.

HOW TO INSULATE YOUR BASEMENT — EXTERIOR METHOD (booklet, 1981, 20pp.). A booklet showing how to insulate a basement from the outside. G.

HOW TO INSULATE YOUR BASEMENT — INTERIOR METHOD (booklet, 1981, 16pp.). Step-by-step instructions for insulating basements from the inside. G.

HOW TO WEATHERSTRIP AND CAULK YOUR HOME (booklet, 1981, 28pp.). A guide to saving money at the least cost by reducing air leakage from homes. G.

NEW HOME ENERGY CHECKLIST (pamphlet, 1981). A checklist for comparing the energy efficiency of new homes before buying. G.

RIDESHARING (pamphlet, 1983, 8pp.). Information on the benefits of car and van pools, with suggestions for organizing, licensing and insuring. G.

SELECTING A NEW FURNACE (booklet, 1982, 20pp.). Description of types of furnaces available. G.

SOLAR ENERGY MATTERS (booklet, 1980, 18pp.). Overview of solar energy and its potential uses. G, JH, SH.

YOUR HOME ENERGY QUIZ (booklet, 1982). A quiz to determine the energy efficiency of homes. G.

YOUR HOME HEATING SYSTEM — USING IT EFFICIENTLY (booklet, 1982, 20pp.). What homeowners can do to obtain the most heat for their energy dollars from their gas furnaces and hot-water heaters. G.

NON-RENEWABLE

THE ALBERTA ADVANTAGE: COAL (booklet, 1983, 8pp., maps, illus.). Statistics and information on coal development, of particular interest to potential investors. SP.

ALBERTA: THE ENERGY PROVINCE (booklet, 1982, 12pp.). Overview of Alberta's energy milestones, conventional crude oil, natural gas, pipelines, oil sands, heavy oil, electrical power, coal and future energy directions. Introduction to the Alberta Energy Portfolio series. G.

COAL (booklet, 1983, 12pp. illus.). A general look at coal, the province's reserves and coal industry, with statistical tables. Part of the Alberta Energy Portfolio. G.

CONVENTIONAL CRUDE OIL (booklet, 1982, 8pp., illus.). A general look at Alberta's conventional crude oil industry, with statistical tables. Part of the Alberta Energy Portfolio. G.

GOING FOR GOLD IN ALBERTA (pamphlet, 1982). A guide to panning and placer mining. G.

NATURAL GAS (booklet, 1983, 12pp., illus.). A general look at Alberta's natural gas industry, with statistical tables. Part of the Alberta Energy Portfolio. G.

***OIL SANDS AND HEAVY OILS OF ALBERTA** (book, 1982, 94pp., maps, tables, illus.). Description of the location, history, recovery, production, impact and potential of oil sands, as well as environmental concerns and government processes to control development. Part of the Energy Heritage series. G.

FISH AND WILDLIFE

GENERAL

ALBERTA'S WILDLIFE: A RENEWABLE RESOURCE (poster, 1983). G.

ANNUAL REVIEW OF ALBERTA FISH AND WILDLIFE DIVISION (for Alberta Fish and Game Association):

- 1981
- 1982
- 1983

Annual summary of activities of the Fish and Wildlife Division.

CAREERS IN FISH & WILDLIFE (booklet, 1983, 8pp., illus.). Career opportunities within the Fish and Wildlife Division. G.

COLOR ALBERTA WILD (poster). Outlines of wildlife for children to color. SP.

FISH & WILDLIFE POLICY FOR ALBERTA (booklet, 1982, 24pp.). Government policy on the management and allocation of provincial fisheries and wildlife resources. G.

INTRODUCTIONS TO WILDLIFE (poster-size folders):

- CLOVEN-HOOFED ANIMALS OF ALBERTA
- COMMON INVERTEBRATES OF ALBERTA
- DIVING DUCKS OF ALBERTA
- FALCONS AND WOODLAND HAWKS OF ALBERTA
- LARGE CARNIVORES OF ALBERTA
- LARGE HAWKS AND EAGLES OF ALBERTA
- OWLS OF ALBERTA
- PUDDLE DUCKS OF ALBERTA
- RABBITS AND LARGE RODENTS OF ALBERTA
- SWANS, CRANES AND GEESE OF ALBERTA
- UPLAND GAME BIRDS OF ALBERTA
- WEASEL FAMILY OF ALBERTA

Includes descriptions, full-color drawings, and habitat, range and management information. G, T.

KNOW YOUR BEARS! BE SURE BEFORE YOU SHOOT (information card, 1983). Outline of the features distinguishing black and grizzly bears. SP.

YOU & BEARS: PREVENTION OF BEAR PROBLEMS AT INDUSTRIAL SITES (information poster). Information on black and grizzly bears with advice on how to deter bears from industrial sites. Distribution limited to industries. SP.

FISH CULTURE

FISH PLANTING LIST (pamphlet, annual). List of locations, amounts, species, sizes and months stocked. SP.

SAM LIVINGSTON FISH HATCHERY AND REARING STATION (booklet, 6pp., illus.). Description of the facilities and operations of Alberta's largest fish hatchery. G, T.

MANAGEMENT

ALBERTA'S WILD FUR RESOURCE (pamphlet). Information on the history, current status and regulations for trapping and the management of furbearing animals, and trapper education. G.

THE BROOKS WILDLIFE CENTRE (booklet, illus.). Description of the pheasant hatchery, rearing facility, waterfowl studies and raptor project at the centre. SP.

MANAGING PROBLEM WILDLIFE IN ALBERTA (pamphlet). Programs and policies of the Problem Wildlife Committee concerning problem animals and compensation for damage. SP.

PHEASANT HABITAT IMPROVEMENT (pamphlet, illus.). Information on improving survival conditions for pheasants. G.

ROUND BALES FOR GOOSE NESTING (pamphlet, illus.). Helpful suggestions on how to build artificial nesting structures for Canada geese. G.

WILDLIFE MANAGEMENT SERIES (reports, illus.):

- **NO. 2 — GOOSE MANAGEMENT IN ALBERTA**
- **NO. 3 — MANAGING ALBERTA'S BIGHORN SHEEP**
- **NO. 5 — MANAGING NORTHERN ALBERTA'S MOOSE POPULATION**
- **NO. 6 — LAND USE PLANNING FOR CONSERVATION**
- **NO. 7 — PREDATORS AND PREDATOR MANAGEMENT**
- **NO. 8 — PROBLEM WILDLIFE MANAGEMENT**
- **NO. 9 — PROTECTION FOR ALBERTA'S ENDANGERED WILDLIFE**

Non-technical descriptions of wildlife resources and harvest regulations, management problems, and activities of the department. SP.

FOREST

GENERAL

THE FIRST HARVEST (booklet, 16pp.). Companion booklet for film on forest management and reforestation (see Films). G, JH, SH.

FOREST RENEWAL: TAKING CARE OF TOMORROW'S FORESTS TODAY (booklet, 1983, 16pp., illus.). Description of Alberta's reforestation program. G.

GENETICS AND TREE IMPROVEMENT: BETTER FORESTS FOR THE FUTURE (booklet, 1983, 11pp., illus.). Explanation of forest genetics and of Alberta's research and development program for tree improvement. G.

MOUNTAIN PINE BEETLE (pamphlet, illus.). Information on the distribution and life cycle of the mountain pine beetle, and methods for combatting it. G.

STOCK YOUR OWN WOODPILE (card). Information on fuelwood permits and measurements. SP.

TRANSPLANTS FROM ALBERTA'S FORESTS (pamphlet, illus.). Information on transplanting trees and the need for permits if tree stock is from Crown land. SP.

TREES OF ALBERTA (poster-size folder, 1979, maps, illus.). Illustrations, descriptions and range maps for the most common species. G, T.

THE VITAL TWO-THIRDS (booklet, 1976, 12pp.). Companion booklet for film discussing forest resources in Alberta (see Films). G, JH, SH.

FIRE PREVENTION

THE CAMPER'S DIRTY HAND BOOK (pamphlet, 1981). Tips for safe campfire use. G.

CLEARING LAND? WE WOULD LIKE TO HELP (pamphlet, 1972). Proper windrow construction and regulations for safer burning. SP.

FALL BURNING (pamphlet, 1976). Good reasons for burning windrows and brush piles in the fall. SP.

JUST ONE SPARK (pamphlet). Tips to prevent welding fires, for mill operators and employees. SP.

NOTICE: YOU ARE LIVING IN A FOREST PROTECTION AREA (pamphlet). Regulations applying to special fire-control areas. G.

FOREST MANAGEMENT

RECLAMATION: A CONTINUING CHALLENGE (booklet, 1983, 8pp., illus.). General information on Alberta Forest Service reclamation programs for provincial forest lands. G.

TAKING STOCK FOR THE FUTURE: ALBERTA'S FOREST RESOURCE INVENTORY (folder, 1981). The steps involved in a forest inventory: aerial photography, photo interpretation, ground truthing, mapping, volume sampling, computer management of data. G.

TREES FOR THE FUTURE: PINE RIDGE NURSERY (pamphlet, 1979). History and activities of a specialized reforestation facility. G, T.

PROGRAMS

ALBERTA FOREST SERVICE MUSEUM (pamphlet). Guide to the displays in this Hinton museum. G, T.

JOIN THE ADVENTURE: BECOME A JUNIOR FOREST WARDEN (pamphlet, 1984). Outline of the Junior Forest Warden program for 10- to 18-year-olds. G.

JUNIOR FOREST RANGERS . . . THE CHALLENGE IS YOURS (pamphlet, 1983). Outline of the Junior Forest Ranger program for 16- to 18-year-olds. G.

RESEARCH

GRANT APPLICATION PROCEDURES: FOREST DEVELOPMENT RESEARCH TRUST FUND (8pp., including application form, 1983). SP.

TRI-CREEKS WATERSHED STUDY (booklet). Introduction to the research project evaluating effects of logging on streamflow, water quality and fish populations. SP.

LAND

GENERAL

THE AGRICULTURAL & RECREATIONAL LAND OWNERSHIP ACT & REGULATIONS (pamphlet, 1979). Summary of regulations concerning foreign ownership of land. SP.

ALBERTA PUBLIC LANDS (booklet, 1981, 37pp., maps, illus.). Management and administration of public lands by the department: agricultural and non-agricultural uses, land-use planning, reclamation, department policy. G.

INFORMATION ON ACQUIRING PUBLIC LAND (sheet, 1980). Summary of necessary terms and conditions, including principal agricultural dispositions. SP.

INFORMATION REGARDING HOMESTEAD SALES (sheet, 1978). Summary of qualifications for eligibility, availability of land and procedures for making application. SP.

SHORELINE FACTS (pamphlet, 1979). Regulations regarding shoreline improvements. G.

SURFACE RIGHTS: FACTS AND INFORMATION SOURCES (pamphlet, 1981). Discussion of surveys, exploration activities, registrar of land agents, expropriation, contacts for assistance. SP.

GRAZING MANAGEMENT

INFORMATION REGARDING LEASING OF GRAZING LANDS IN ALBERTA (sheet, 1975). Summary of information needed for acquiring grazing leases on public lands. SP.

RANGE MANAGEMENT

GUIDE TO RANGE CONDITIONS AND STOCKING RATES FOR ALBERTA (booklet, 1981, 28pp.). Description of the method for classifying range conditions and estimating stocking rates. SP.

RANGE: ITS NATURE AND USE (booklet, 1981, 34pp.). Principles of range management. G.

OUTDOOR ACTIVITIES

GENERAL

ALBERTA CONSERVATION AND HUNTER EDUCATION (book, 1980, illus.). Hunter education manual produced by the Alberta Fish and Wildlife Division, emphasizing the role of hunting in wildlife management and conservation, the proper handling of firearms and respect for the property of others. SP. Price: $8.00. Cheques payable to The Provincial Treasurer.

ALBERTA CONSERVATION AND HUNTER EDUCATION PROGRAM (pamphlet). A brief outline of the hunter education program offered by the Fish and Wildlife Division. G.

ALBERTA FOREST SERVICE RECREATION AREAS (foldout map, 1983). Map of recreation areas throughout the province, with outline of facilities available in each area. G.

ALBERTA LICENSED GUIDES & OUTFITTERS, FUR DEALERS, FURRIERS, COMMERCIAL FISH FARMS, CLASS A GAME BIRD FARMS, PHEASANT SHOOTING GROUNDS: 1983-84 (pamphlet, 1983). Lists of names and addresses of Class I and II fur dealers, Class "A" game bird farm licence holders, outfitters, Class "A" and "B" guides, furriers and commercial game fish farms, and holders of pheasant shooting ground licences. SP.

BE A HOLIDAY HERO (3 posters):

- **DOWN WITH NOISE**
- **OUT WITH FIRE**
- **PUT GARBAGE IN ITS PLACE**

Courtesy for campers. G.

FOREST MANAGEMENT INTERPRETIVE TRAIL (pamphlet, 1980). Brief description of Kananaskis Country trail, showing use and management of forests in Alberta. G.

RECREATION

CROSS-COUNTRY SKIING AREAS (pamphlets):

- BRAGG CREEK
- SANDY McNABB

Maps, signs, trail descriptions, winter safety tips. G.

THE NORTH RAM RIVER "CATCH AND RELEASE" SPORT FISHERY (card, illus.). Description of catch-and-release sportfishing using barbless hooks, introduced in 1982. SP.

RECREATION AREAS OF THE EASTERN SLOPES (folder, 1980). Detailed map and description of points of interest along the Forestry Trunk Road. G.

SNOWMOBILE AREAS (pamphlets):

- CATARACT CREEK
- CHAMBERS CREEK
- GHOST DISTRICT
- McLEAN CREEK – SIBBALD

Trails, signage, safety and first-aid tips, rules and snowmobiling courtesy. G.

REGULATIONS

BOATING IN ALBERTA (booklet, 1983). Summary of boating restriction regulations. SP.

A COMMERCIAL TRAIL RIDING POLICY FOR ALBERTA (pamphlet, 1979). Information regarding establishment of commercial trail riding operations in forested areas. SP. Out of stock.

FISHING IN THE BOW RIVER: REGULATION CHANGES (pamphlet, 1983). An outline of the regulations in effect for the Special Fisheries Area on the Bow River, with information also on catch-and-release fishing. SP.

SUMMARY OF REGULATIONS (annuals):

- BIG GAME
- BIRD GAME
- SPORTFISHING
- TRAPPING

Each updates changes for the new season and summarizes regulations, licences, seasons and fees. SP.

RESOURCE MANAGEMENT

FORESTS AND WATER (pamphlet, illus.). Information on the value of watershed management and on the role of the Alberta Forest Service in improving, protecting and researching water resources. G.

A LEGACY FOR TOMORROW (booklet, 1980, 12pp.). Companion booklet for a film on the richness of the Eastern Slopes, outlining protection provided by the resource management policy (see Films). G, JH, SH.

RESOURCE EVALUATION & PLANNING (booklet, 1980, 11pp., illus.). Outline of the functions and services of the Resource Evaluation and Planning Division of the Alberta Department of Energy and Natural Resources. SP.

ANNUAL REPORTS

ALBERTA/CANADA ENERGY RESOURCES RESEARCH FUND: ANNUAL REPORT:

- 1978/79
- 1980/81
- 1981/82
- 1982/83

Annual summary of energy-related research projects supported by the joint provincial-federal fund. SP.

ALBERTA ENERGY AND NATURAL RESOURCES: ANNUAL REPORT:

- 1976/77
- 1977/78
- 1978/79
- 1980/81
- 1981/82
- 1982/83

Annual summary of the department's activities, with resource industry and statistical reports. SP.

FILMS

The department has produced a number of 16 mm films, among which are the following titles:

- Energy: *The Coal Rush* (Part 1) ; *Coal: The Mine That Never Was* (Part 2).
- Fish and Wildlife: *Sam Livingston Fish Hatchery.*
- Forest: *The First Harvest; Forests for the Future* (Pine Ridge Forest Nursery); *Swan Hills* (1982 forest fire); *The Ultimate Forest; The Vital Two-Thirds.*
- Resource Management: *A Cue for Tomorrow; A Legacy for Tomorrow.*

These and over 50 other Alberta Energy and Natural Resources films are distributed through the Provincial Film Library. For details on ordering, please contact:

The Film Library Service
Alberta Public Affairs Bureau
11510 Kingsway Avenue
Edmonton, Alberta, Canada
T5G 2Y5

Telephone: (403) 427-4381

A free catalogue is available from the Film Library.

TECHNICAL PUBLICATIONS AND MAPS

TECHNICAL PUBLICATIONS

Technical reports, studies and scientific papers are available in limited quantities for advanced students, researchers, employees in related industry, etc. The catalogue *Technical Publications of Alberta Energy and Natural Resources* can be obtained by contacting the Information Centre of Alberta Energy and Natural Resources (for address, see Ordering General Publications).

MAPS AND AERIAL PHOTOGRAPHS

A wide range of federal maps is distributed as well as maps produced by Alberta Energy and Natural Resources. Catalogues, aerial photography, aerial mosaics, enlargements and other related services are offered by:

Alberta Map and Air Photo Distribution Centre
2nd Floor, North Petroleum Plaza
9945 – 108 Street
Edmonton, Alberta, Canada
T5K 2G6

Telephone: (403) 427-3520

INFORMATION CENTRE

Students and the general public are welcome to use the Information Centre facilities of Alberta Energy and Natural Resources located at:

Main Floor, Bramalea Building
9920 – 108 Street
Edmonton, Alberta
Telephone: (403) 427-3590

Hours: 8:15 a.m. – 5:00 p.m.
Monday to Friday

ORDERING GENERAL PUBLICATIONS

TEN PER REQUEST

Any individual may request one copy of up to 10 different publications. Please use the order form provided, listing full titles.

LIBRARIES

Librarians establishing reference collections may exceed the limit of 10 by making a written request on their official letterhead.

CLASS SETS

Teachers may request class quantities of publications marked with an asterisk. Please make a written request on school letterhead.

WRITTEN REQUESTS

Written requests should be directed to:

Information Centre
Alberta Energy and Natural Resources
Main Floor, Bramalea Building
9920 – 108 Street
Edmonton, Alberta, Canada T5K 2M4

Please list the full titles you are requesting; fill in the order form (at the back of this catalogue) with your return address; and mail (with a cheque/money order if applicable) to the above address.

TELEPHONE REQUESTS

Telephone orders are welcomed for all free publications. Telephone: (403) 427-3590.

PRICED PUBLICATIONS

Please order priced publications by mail only and accompany with a cheque or money order payable to *The Provincial Treasurer.*

ORDER FORM

I understand I may order one copy of up to 10 publications.
Please send me the following:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

I enclose cheque/money order no._____

in the amount of $_____

PLEASE PRINT CLEARLY

Name _____
Last Name First Name

Job Title _____
(if materials are for school or company)

Company/University _____

Address _____

City/Town _____

Province/State _____

Postal/Zip Code _____ Telephone _____

Mail to:

Information Centre

Alberta Energy and Natural Resources

Main Floor, Bramalea Building

9920 – 108 Street

Edmonton, Alberta, Canada

T5K 2M4

Ref/5 — April/84

International Standard Book Number: 0-86499-151-7 3600

International Standard Series Number: 0711-1274 1984